

21#5

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C., 20231 on:

Date: July 8, 2002

By: Sandy Reisman
Sandy Reisman

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: ABBOTT ET AL.
APPLICATION No.: 09/907,008
FILED: JULY 16, 2001
FOR: THEMATIC RESPONSE TO A
COMPUTER USER'S CONTEXT,
SUCH AS BY A WEARABLE
PERSONAL COMPUTER

CONFIRMATION No. 8058
ART UNIT: 2173

RECEIVED

JUL 17 2002

Technology Center 2100

Information Disclosure Statement Within Three Months of
Application Filing or Before First Action - 37 CFR 1.97(b)

Commissioner for Patents
Washington, D.C. 20231

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO/SB/08A (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

- ☐ Copies of the following references are enclosed:
- ☐ All cited references
 - ☐ References marked by asterisks
 - ☐ The following:
- ☒ Copies of the following references can be found in parent application Ser. No.: 09/464,659
- ☒ All cited references
 - ☐ References marked by asterisks
 - ☐ The following:
- ☐ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching

Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
- ☐ References marked by ampersands
- ☐ The following:

3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,
Perkins Coie LLP


James A.D. White
Registration No. 43,985

Correspondence Address:

Customer No. 25096
Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
Phone: (206) 583-8888

COPY OF PAPERS
ORIGINALLY FILED

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)**COMPLETE IF KNOWN**

Application Number	09/907,008
Confirmation Number	8058
Filing Date	July 16, 2001
First Named Inventor	Kenneth H. Abbott
Group Art Unit	2173
Examiner Name	
Attorney Docket No.	294438008US5

Sheet

1

of

4

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	AA	4,916,441		Gombrich	4/10/90	
	AB	5,032,083		Friedman	7/16/91	
	AC	5,201,034		Matsuura et al.	4/6/93	
	AD	5,208,449		Eastman et al.	5/4/93	
	AE	5,214,757		Mauney et al.	5/25/93	
	AF	5,227,614		Danielson et al.	7/13/93	
	AG	5,335,276		Thompson et al.	8/2/94	
	AH	5,416,730		Lookofsky	5/16/95	
	AI	5,470,233		Fruchterman et al.	11/28/95	
	AJ	5,493,692		Theimer et al.	2/20/96	
	AK	5,506,580		Whiting et al.	4/9/96	
	AL	5,555,376		Theimer et al.	9/10/96	
	AM	5,559,520		Barzegar et al.	9/24/96	
	AN	5,568,645		Morris et al.	10/22/96	
	AO	5,611,050		Theimer et al.	3/11/97	
	AP	5,642,303		Small et al.	6/24/97	
	AQ	5,646,629		Loomis et al.	7/8/97	
	AR	5,719,744		Jenkins et al.	2/17/98	
	AS	5,726,660		Purdy et al.	3/10/98	
	AT	5,781,913		Felsenstein et al.	7/14/98	
	AU	5,790,974		Tognazzini	8/4/98	
	AV	5,798,733		Ethridge	8/25/98	
	AW	5,812,865		Theimer et al.	9/22/98	
	AX	5,873,070		Bunte et al.	2/16/99	
	AY	5,878,274		Kono et al.	3/2/99	
	AZ	5,902,347		Backman et al.	5/11/99	
	BA	5,910,799		Carpenter et al.	6/8/99	
	BB	5,938,721		Dussell et al.	8/17/99	
	BC	5,948,041		Abo et al.	9/7/99	

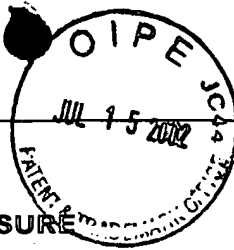
RECEIVED
JUL 17 2002
Technology Center 2100

Please type a plus sign (+) inside this box → ☐

COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/907,008
Confirmation Number	8058
Filing Date	July 16, 2001
First Named Inventor	Kenneth H. Abbott
Group Art Unit	2173
Examiner Name	

Attorney Docket No.	294438008US5
---------------------	--------------

Sheet	2	of	4
BD	5,959,611	Smailagic et al.	9/28/99
BE	5,983,335	Dwyer III	11/9/99
BF	5,991,687	Hale et al.	11/23/99
BG	6,047,301	Bjorklund et al.	4/4/00
BH	6,064,943	Clark, Jr., et al.	5/16/00
BI	6,108,197	Janik	8/22/00
BJ	6,294,953	Steeves	9/25/01

RECEIVED
JUL 17 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	BK	PCT	WO 90/08361		The Scott Fetzer Company	7/26/90		
	BL	PCT	WO 97/03434		Virtual I/O, Inc.	1/30/97		
	BM	EPO	EP 0823 813A2		Kopin Corporation	2/11/98		
	BN	JPO	05260188		Matsushita Electric Ind. Co. Ltd.	10/8/93		
	BO	JPO	09091112		Toshiba Corp.	4/4/97		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
	BP	"Affective Understanding: Modeling and Responding to User Affect," http://www.media.mit.edu/affect/AC_research/understanding.html [Accessed 10/2/98]	
	BQ	"Alps GlidePoint," http://www.alps.com/p.17.html [Accessed 10/2/98]	
	BR	Aoki, Hisashi et al., "Realtime Personal Positioning System for a Wearable Computer," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
	BS	Billinghurst, Mark and Thad Starner, "New Ways to Manage Information," IEEE, pp. 57-64, January 1999.	
	BT	Bowskill, J. et al., "Wearable Location Mediated Telecommunications; A First Step Towards Contextual Communication," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999	
	BU	Dey, Anind K. et al., "The Conference Assistant: Combining Context-Awareness with Wearable Computing," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
	BV	Golding, Andrew and Neal Lesh, "Indoor Navigation Using a Diverse Set of Cheap, Wearable Sensors," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	

Please type a plus sign (+) inside this box → ☐

COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number 09/907,008

Confirmation Number 8058

Filing Date July 16, 2001

First Named Inventor Kenneth H. Abbott

Group Art Unit 2173

Examiner Name

Attorney Docket No. 294438008US5

Sheet

3

of

4

RECEIVED

JUL 17 2002

Technology Center 2100

BW "GyroPoint Technology,"
<http://www.gyration.com/html/gyropoint.html>
[Accessed 10/2/98]

BX "Haptics,"
<http://www.ai.mit.edu/projects/handarm-haptics/haptics.html>
[Accessed 10/2/98]

BY Hull et al., "Towards Situated Computing," Hewlett-Packard Laboratories, HPL-97-66 (1997).

BZ Kirsch, Dana, "The Sentic Mouse: A Tool for Measuring Emotional Valence,"
http://www.media.mit.edu/affect/AC_research/projects/sentic_mouse.html
[Accessed 10/2/98]

CA Kortuem, Gerd "When Cyborgs Meet: Building Communities of Cooperating Wearable Agents," 3rd
International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999

CB Lashkari, Yezdi et al., "Collaborative Interface Agents," Proceedings of AAAI '94 Conference, Seattle,
Washington, August 1994.

CC Lehtikoinen, Juha et al., "MEX: A Distributed Software Architecture for Wearable Computers,"
3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999

CD Leonhardi, Alexander et al., "Virtual Information Towers – A Metaphor for Intuitive, Location-Aware
Information Access in a Mobile Environment, 3rd International Symposium on Wearable Computers,
San Francisco, California, October 18-19, 1999

CE Lunt, Teresa F. et al., "Knowledge-Based Intrusion Detection," Proceedings of the Annual
Artificial Intelligence Systems in Government Conference, IEEE Comp. Soc. Press,
Vol. Conf. 4, 1989, pages 102-107.

CF Maes, Pattie, "Agents That Reduce Work and Information Overload," Communications of the ACM,
Vol. 37, No. 7, July 1994.

CG Metz, Cade, "MIT: Wearable PCs, Electronic Ink, and Smart Rooms," PC Magazine, pp. 192-193, June
1998.

CH Oakes, Chris, "The Truman Show Realized?",
<http://www.wired.com/news/news/technology/story/15745.html>
[Accessed 10/21/98]

CI Picard, R.W. and Healey, J., "Affective Wearables," Personal Technologies vol. 1:231-240, MIT Media
Laboratory (1997).

CJ "Research Areas in Affective Computing,"
<http://www.media.mit.edu/affect/>
[Accessed 10/2/98]

CK "Research on Affective Pattern Recognition and Modeling,"
http://www.media.mit.edu/affect/AC_research/recognizing.html
[Accessed 10/2/98]